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,		City: <u>Tokyo</u> State: Zip: <u>206-8567</u> Country: <u>JAPAN</u>
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I	If this document is being filed together with a new application	B. Patent No(s).:
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PATENT REEL: 017731 FRAME: 0307

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In consideration of the payment by ASSIGNEE to ASSI of which is hereby acknowledged, and for other good	IGNOR of the sum of One Dollar (\$1.00), the receipt i and valuable consideration,
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Japan (Nationality)

Attorney's Docket No.

(Assignment of Invention [16-3]--page 1 of 4)

PATENT REEL: 017731 FRAME: 0308

Patent

	O, add the following)
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hereby sells, assigns and tranfers to	
Assignee:	MITSUMI ELECTRIC CO., LTD.
	(type or print name(s) of ASSIGNEE(S)
	11-2, Tsurumaki 2-Chome, Tama-Shi,
	(Address)
	Tokyo 206-8567 Japan
	Japan
	(Nationality)

and the successors, assigns and legal representatives of the ${\tt ASSIGNEE}$

(Assignment of Invention [16-3]--page 2 of 4)

PATENT REEL: 017731 FRAME: 0309

(complete one of the following) [X] the entire right, title and interest [] an undivided _____ percent (_____%) interest for the United States and its territorial possessions (check the following box if foreign rights are also to be assigned) [] and in all foreign countries, including all rights to claim priority, in and to any and all improvements which are disclosed in the invention entitled: BATTERY PROTECTION CIRCUIT (check and complete (a), (b), (c) or (d) and which is found in

- (a) [X] U.S. patent application executed on even date herewith
- (b) [] U.S. patent application executed on

[X] To comply with 37 CFR 3.21 for recordal of this assignment, I, an ASSIGNOR signing below, hereby authorize and request my attorney, as named in the Declaration and Power of Attorney I executed for this invention on the execution date stated above, to insert below the filing date and application number when it becomes known.

- (c) [X] U.S. Application serial no. 11/343,735 filed on January 30, 2006.
- (d) [] International application no. PCT/_____/___
- (e) [] U.S. Patent no. _____ issued __
- [] A change of address to which correspondence is to be sent regarding patent maintenance fees is being sent separately.

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and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, or substitute thereof, and as to Letters Patent any reissue or re-examination thereof

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

(Assignment of Invention [16-3] -- page 3 of 4)

PATENT REEL: 017731 FRAME: 0310

this 13th day of Marning; Date of signing must	I/We have hereunto set hand and seal arch, 2006 (date of signing). be the same as the date of execution of the application if July Naharo
	ITSUKI NAKANO
TN WITNESS WHEDEOF	I/We have hereunto set hand and seal
this 13th day of N	March, 2006 (date of signing).
Warning: Date of signing must item (a) was checked above.	be the same as the date of execution of the application if
	KAZUHIRO OOSHITA
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	KAZUHIRO OOSHITA KAZUHIRO OOSHITA I/We have hereunto set hand and seal
this 13th day of	KAZUHIRO OOSHITA KAZUHIRO OOSHITA I/We have hereunto set hand and seal March, 2006 (date of signing).
this 13th day of	KAZUHIRO OOSHITA KAZUHIRO OOSHITA I/We have hereunto set hand and seal
this 13th day of	KAZUHIRO OOSHITA KAZUHIRO OOSHITA I/We have hereunto set hand and seal March, 2006 (date of signing). be the same as the date of execution of the application if
this 13th day of	KAZUHIRO OOSHITA KAZUHIRO OOSHITA I/We have hereunto set hand and seal March, 2006 (date of signing).

(Assignment of Invention [16-3] -- page 4 of 4)

PATENT REEL: 017731 FRAME: 0311

RECORDED: 03/31/2006